

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	high impedance with used contact	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 16:24
L2	1	"6190177".pn. and galvanic coupling	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 16:57
L3	683	galvanic coupling	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 16:59
L4	2	galvanic coupling and 345/173.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 16:59
L5	0	galvanic coupling and 178/18.01-18.11.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 17:00
L6	0	galvanic coupling and "178"/\$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 17:00
L7	7	galvanic coupling and "345".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 17:00
L8	7	galvanic near coupling and "345".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 17:05
L9	8	galvanic near2 coupling and "345".clas.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 17:05
L10	6	345/173.ccls. and resist\$4 coupling	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 17:15
L11	2339	345/173.ccls. and resist\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 17:16
L12	461	345/173.ccls. and (resist\$4 with finger)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 17:17
L13	231	345/173.ccls. and (resist\$4 with finger with touch)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 17:17
L14	48	345/173.ccls. and (resist\$4 with finger with touch) and (change near2 resistance)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 17:17
L15	30	lcd and electrode with (resist\$4 near2 coupling)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 17:24

L16	1850	galvanic\$4 near (connection or coupling)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 17:32
L17	7	16 and 345/173.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 17:33
L18	4	touch with segment with display with connection	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 17:38
L19	7	touch same segment with display with connection	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 17:40
L20	113	touch with segment with connection	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 17:41
L21	0	touch with segment with connection with lcd	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 17:41
L22	36	touch with segment with connection and lcd	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 17:41
L23	21	(345/173.ccls. or 178/18.05,18.06.ccls.) and galvanic\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 17:47
L24	21	(345/173.ccls. or 178/18.05,18.06.ccls.) and galvanic\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 17:50
L25	69875	high impedance	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 17:58
L26	0	high impedance with disclonnect with contact with touch	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 17:58
L27	15	high impedance with contact with touch	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 17:59
L28	3	high ohmic with contact with touch	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 18:04
L29	2	(high ohmic or impedance) with scan with touch	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 18:05
L30	1	high (ohmic or impedance) with scan with touch	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 18:06
L31	349	345/104.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 18:41
L32	172	31 and lcd	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 18:41

L33	108	32 and electrode	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 18:41
L34	82	33 and switch\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 18:42
L35	28	34 and segment	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 18:42
S1	1	"10575622"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 12:41
S2	10003	segment display	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 12:41
S3	152	touch same S2	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 12:42
S4	88	S3 and @ad<"20031013"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 12:42
S5	5765	345/173,174,176,178.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 12:53
S6	376869	lcd	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 12:53
S7	2076	S5 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 12:53
S8	71913	generator with detector	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 12:54
S9	18	S7 and S8	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 12:54
S10	2774	segment with touch	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 12:59
S11	152	S5 and S10	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 13:00
S12	75	S11 and @ad<"20031013"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 13:00
S13	2693	seven segment display	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 13:11
S14	467886	touch	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 13:11

S15	467886	S14 and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 13:11
S16	343	S13 and S14	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 13:11
S17	33	S13 with S14	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 13:11
S18	5799564	resist\$5 or capacit\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 13:15
S19	1428	S7 and S18	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 13:15
S20	956	S19 and switch\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 13:15
S21	1117526	generat\$4 same detect\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 13:16
S22	485	S20 and S21	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 13:16
S23	750464	generat\$4 with detect\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 13:16
S24	339	S20 and S23	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 13:16
S25	83	S22 and (S23 same switch\$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 13:17
S26	36	S25 and @ad<"20031013"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 13:17
S27	682	galvanic coupling	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 13:25
S28	2	S5 and S27	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 13:25
S29	4	galvanic coupling with touch	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 13:29
S30	0	178/18.05,18.06	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 13:37
S31	634	178/18.05,18.06.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 13:37

S32	497	S31 and @ad<"20031013"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 13:37
S33	3	S32 and (segment near2 display)	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/27 13:37
S34	15	("4224615" or "4910504" or "5043710").pn. or ("20010020578" or "20030137495")	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 10:41
S35	94	("4224615").URPN.	USPAT	ADJ	ON	2009/04/28 10:43
S36	15	display electrode with touch	USPAT	ADJ	ON	2009/04/28 11:00
S37	38	("4290061").URPN.	USPAT	ADJ	ON	2009/04/28 11:06
S38	27	("4394643").URPN.	USPAT	ADJ	ON	2009/04/28 11:14
S39	29	touch same electrode same lcd same switch	USPAT	ADJ	ON	2009/04/28 11:17
S40	320	178/18.05.ccls.	USPAT	ADJ	ON	2009/04/28 11:33
S41	173	178/18.06.ccls.	USPAT	ADJ	ON	2009/04/28 11:33
S42	168	electrode and S40	USPAT	ADJ	ON	2009/04/28 11:33
S43	6	common electrode and S40	USPAT	ADJ	ON	2009/04/28 11:34
S44	94	electrode and switch and S40	USPAT	ADJ	ON	2009/04/28 11:35
S45	5	"799807".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 11:47
S46	3	"3799807".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 11:48
S47	1	"0799807".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 11:48
S48	3	"3799807".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 11:48
S49	2	"4799807".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 11:48
S50	3	"2799807".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 11:49
S51	2	"4799807".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 11:49

S52	3	"3799807".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 11:49
S53	3	"7005403".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 11:50
S54	4	"4005403".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 11:50
S55	4	("4005403").URPN.	USPAT	ADJ	ON	2009/04/28 11:50
S56	1	S55 and touch	USPAT	ADJ	ON	2009/04/28 11:51
S57	13	("4005403"   "4224615"   "4363029"   "4529968"   "4814760"   "5159323"   "5305017"   "5543588"   "5825352"   "5920309"   "6222528"   "6239788"   "6414671").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/28 11:54
S58	0	liquid crustal segment	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/28 12:06
S59	301	liquid crystal segment	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/28 12:06
S61	914	liquid crystal near segment	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/28 12:06
S62	449	S40 or S41	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/28 12:06
S63	0	S61 and S62	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/28 12:06
S64	8	common electrode and S41	USPAT	ADJ	ON	2009/04/28 12:06
S65	89	electrode and S41	USPAT	ADJ	ON	2009/04/28 12:06
S66	850	switch\$3 with between with display\$3 with (sens\$4 or measur\$4)	USPAT	ADJ	ON	2009/04/28 12:13
S67	179	S66 and lcd	USPAT	ADJ	ON	2009/04/28 12:13
S68	0	S67 and (S40 or S41)	USPAT	ADJ	ON	2009/04/28 12:13
S69	17	S66 and lcd and (touch near2 display)	USPAT	ADJ	ON	2009/04/28 13:04
S70	1	counter electrode same lcd same touch same sens\$4 same display	USPAT	ADJ	ON	2009/04/28 13:20
S71	1999	178/18.01-18.11.ccls.	USPAT	ADJ	ON	2009/04/28 13:24
S72	606	S71 and electrode	USPAT	ADJ	ON	2009/04/28 13:24

S73	124	S72 and segment	USPAT	ADJ	ON	2009/04/28 13:24
S74	31	S73 and lcd	USPAT	ADJ	ON	2009/04/28 13:24
S75	78	"4885580"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 13:35
S76	2	"4885580".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 13:35
S77	3	"2003137495"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 13:41
S78	2	"20030137495"	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2009/04/28 13:41

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